

ABSTRACT OF DISCLOSURE

A transport system transporting an article along a transport route includes a job assigning part receiving at least one job order, calculating a transport time to be taken when transport vehicles in the transport route perform respective job orders, and creating job assignment information to assign each job order to the transport vehicle having a minimum transport time according to each job order, the transport vehicles traveling in opposite directions of the transport route, and a route searching part receiving the job assignment information from the job assigning part, creating route search information by searching an optimum route having the minimum transport time to be taken when the transport vehicle assigned with the job order travels from a starting position to a target position along the opposite directions of the transport route, and updating the route search information by searching routes in real time when the transport vehicle travels. Thus, the job orders can be effectively assigned to the transport vehicle, and an optimum route can be searched according to various time information. Also, circumstances of the transport route can be reflected in real time, thereby increasing the transport efficiency.